

# Benjamin Lev

## List of Publications by Year in descending order

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117  
papers

2,905  
citations

159585

30  
h-index

206112

48  
g-index

149  
all docs

149  
docs citations

149  
times ranked

1891  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiple Criteria Decision-Making Method With Heterogeneous Linguistic Expressions. IEEE Transactions on Engineering Management, 2023, 70, 1857-1870.	3.5	5
2	An effective heuristic based on 3-opt strategy for seru scheduling problems with learning effect. International Journal of Production Research, 2023, 61, 1938-1954.	7.5	12
3	Integrated BWM-Entropy weighting and MULTIMOORA method with probabilistic linguistic information for the evaluation of Waste Recycling Apps. Applied Intelligence, 2023, 53, 813-836.	5.3	9
4	Influenza vaccine supply chain coordination under uncertain supply and demand. European Journal of Operational Research, 2022, 297, 930-948.	5.7	39
5	Compromise solutions for stochastic multicriteria acceptability analysis with uncertain preferences and nonmonotonic criteria. International Transactions in Operational Research, 2022, 29, 3737-3757.	2.7	2
6	A column generation-based exact solution method for seru scheduling problems. Omega, 2022, 108, 102581.	5.9	24
7	Scheduling problem in seru production system considering DeJong's learning effect and job splitting. Annals of Operations Research, 2022, 312, 1119-1141.	4.1	19
8	Inter-competitor outsourcing: On the advantages of profit and product launching time. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102581.	7.4	4
9	Do geologic hazards affect the sustainability of rural development? Evidence from rural areas in China. Journal of Cleaner Production, 2022, 339, 130693.	9.3	10
10	Designing an incentive scheme for producer responsibility organization of waste tires: A MCGP cooperative game approach. Computers and Industrial Engineering, 2022, 167, 108009.	6.3	10
11	Supplier selection in disaster operations management: Review and research gap identification. Socio-Economic Planning Sciences, 2022, 82, 101302.	5.0	12
12	Core, shapley value, nucleolus and nash bargaining solution: A Survey of recent developments and applications in operations management. Omega, 2022, 110, 102638.	5.9	21
13	Optimal trade-off of integrated river basin water resources allocation considering water market: A bi-level multi-objective model with conditional value-at-risk constraints. Computers and Industrial Engineering, 2022, 169, 108160.	6.3	16
14	Optimization of facility location and size problem based on bi-level multi-objective programming. Computers and Operations Research, 2022, 145, 105860.	4.0	13
15	Evaluation of City's Industry Integration Development and Regional Differences under the New Urbanization: A Case Study of Sichuan. Applied Sciences (Switzerland), 2022, 12, 4698.	2.5	2
16	An analysis on strategy evolution of research & development in cooperative innovation network of new energy vehicle within policy transition period. Omega, 2022, 112, 102686.	5.9	25
17	Supply chain management under carbon taxes: A review and bibliometric analysis. Omega, 2021, 98, 102295.	5.9	76
18	Supplier's goal setting considering sustainability: An uncertain dynamic Data Envelopment Analysis based benchmarking model. Information Sciences, 2021, 545, 44-64.	6.9	12

#	ARTICLE	IF	CITATIONS
19	Integration of third-party platforms: Does it really hurt them?. International Journal of Production Economics, 2021, 234, 108003.	8.9	11
20	Diagnosing social failures in sustainable supply chains using a modified Pythagorean fuzzy distance to ideal solution. Computers and Industrial Engineering, 2021, 154, 107156.	6.3	13
21	Coupling coordination analysis with data-driven technology for disasterâ€‘economyâ€‘ecology system: an empirical study in China. Natural Hazards, 2021, 107, 2123-2153.	3.4	6
22	Comprehensive evaluation of security, equity, and efficiency on regional water resources coordination using a hybrid multi-criteria decision-making method with different hesitant fuzzy linguistic term sets. Journal of Cleaner Production, 2021, 310, 127447.	9.3	11
23	Herding behavior in supplier innovation crowdfunding: Evidence from Kickstarter. International Journal of Production Economics, 2021, 239, 108184.	8.9	23
24	A hierarchical consensus reaching process for group decision making with noncooperative behaviors. European Journal of Operational Research, 2021, 293, 632-642.	5.7	59
25	Willingness-to-cede behaviour in sustainable supply chain coordination. International Journal of Production Economics, 2021, 240, 108207.	8.9	64
26	A bi-level multi-objective location-routing model for municipal waste management with obnoxious effects. Waste Management, 2021, 135, 109-121.	7.4	14
27	Inventory and pricing decisions when dealing with strategic consumers: A comprehensive analysis. Computers and Operations Research, 2021, 136, 105473.	4.0	9
28	Comprehensive Potential Evaluation for the Rooftop PV Development Based on IPO. Profiles in Operations Research, 2021, , 259-293.	0.4	0
29	Research on Sustainable Supplier Selection Based on the Rough DEMATEL and FVIKOR Methods. Sustainability, 2021, 13, 88.	3.2	30
30	How to understand â€‘salable fake goodsâ€‘ and â€‘unsalable quality goodsâ€‘? An insight from the view of quality responsibility and consumersâ€™ brand loyalty. Technology in Society, 2021, 67, 101793.	9.4	4
31	A Two-Stage Stochastic Programming Model for Pre-positioning of Relief Supplies. Advances in Intelligent Systems and Computing, 2021, , 35-44.	0.6	1
32	Evaluate the locations for smart waste bins using BWM and WASPAS methods under a probabilistic linguistic environment. Journal of Intelligent and Fuzzy Systems, 2021, 41, 7199-7218.	1.4	2
33	Performance evaluation and prediction of the integrated circuit industry in China: A hybrid method. Socio-Economic Planning Sciences, 2020, 69, 100712.	5.0	14
34	Novel equal division values based on playersâ€™ excess vectors and their applications to logistics enterprise coalitions. Information Sciences, 2020, 512, 1543-1554.	6.9	7
35	The evolution of Omega-The International Journal of Management Science over the past 40 years: A bibliometric overview. Omega, 2020, 93, 102098.	5.9	51
36	Cold chain transportation decision in the vaccine supply chain. European Journal of Operational Research, 2020, 283, 182-195.	5.7	94

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37	OMEGA statistics and trends during the EVISE era. Omega, 2020, 97, 102306.	5.9	1
38	A likelihood-based multi-criteria sustainable supplier selection approach with complex preference information. Information Sciences, 2020, 536, 135-155.	6.9	53
39	Balancing of supply and demand of renewable energy power system: A review and bibliometric analysis. Sustainable Futures, 2020, 2, 100013.	3.2	38
40	Coupling coordination degree for urbanization city-industry integration level: Sichuan case. Sustainable Cities and Society, 2020, 58, 102136.	10.4	97
41	Stack Allowance Trading Mechanism Based Optimization Strategy for Phosphogypsum Reduction in Phosphate Fertilizer Plants. Advances in Intelligent Systems and Computing, 2020, , 261-272.	0.6	1
42	Managing patient satisfaction in a blood-collection room by the probabilistic linguistic gained and lost dominance score method integrated with the best-worst method. Computers and Industrial Engineering, 2020, 145, 106547.	6.3	25
43	GREEN SUPPLIER SELECTION BY AN INTEGRATED METHOD WITH STOCHASTIC ACCEPTABILITY ANALYSIS AND MULTIMOORA. Technological and Economic Development of Economy, 2020, 26, 549-572.	4.6	16
44	Efficiency evaluation for banking systems under uncertainty: A multi-period three-stage DEA model. Omega, 2019, 85, 68-82.	5.9	79
45	A hesitant fuzzy multi-criteria group decision making method for college applicantsâ€™ learning potential evaluation. Journal of Data Information and Management, 2019, 1, 65-75.	2.7	6
46	Sustainable supply chain evaluation: A dynamic double frontier network DEA model with interval type-2 fuzzy data. Information Sciences, 2019, 504, 394-421.	6.9	44
47	Early lung cancer screening using double normalization-based multi-aggregation (DNMA) and Delphi methods with hesitant fuzzy information. Computers and Industrial Engineering, 2019, 136, 453-463.	6.3	25
48	The state-of-the-art survey on integrations and applications of the best worst method in decision making: Why, what, what for and what's next?. Omega, 2019, 87, 205-225.	5.9	303
49	Water resource environmental carrying capacity-based reward and penalty mechanism: A DEA benchmarking approach. Journal of Cleaner Production, 2019, 229, 1294-1306.	9.3	25
50	Novel operations of PLTSs based on the disparity degrees of linguistic terms and their use in designing the probabilistic linguistic ELECTRE III method. Applied Soft Computing Journal, 2019, 80, 450-464.	7.2	124
51	A loss-recovery evaluation tool for debris flow. International Journal of Disaster Risk Reduction, 2019, 37, 101165.	3.9	15
52	Natural and Managerial Disposability Based DEA Model for Chinaâ€™s Regional Environmental Efficiency Assessment. Energies, 2019, 12, 3436.	3.1	6
53	A prospect theory-based group decision approach considering consensus for portfolio selection with hesitant fuzzy information. Knowledge-Based Systems, 2019, 168, 28-38.	7.1	75
54	Bibliometric analysis for highly cited papers in operations research and management science from 2008 to 2017 based on Essential Science Indicators. Omega, 2019, 88, 223-236.	5.9	81

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55	Synergies Between Association Rules and Collaborative Filtering in Recommender System: An Application to Auto Industry. , 2019, , 65-80.		13
56	Assessing integrated water use and wastewater treatment systems in China: A mixed network structure two-stage SBM DEA model. Journal of Cleaner Production, 2018, 185, 533-546.	9.3	94
57	Data envelopment analysis for bi-level systems with multiple followers. Omega, 2018, 77, 180-188.	5.9	20
58	OMEGA trends during the EES era. Omega, 2018, 74, 115-121.	5.9	2
59	A novel Data Envelopment Analysis model for evaluating industrial production and environmental management system. Journal of Cleaner Production, 2018, 170, 773-788.	9.3	35
60	Multi-index constrained transportation problem with bounds on availabilities, requirements and commodities. Operations Research Perspectives, 2018, 5, 319-333.	2.1	5
61	Portfolio selection under different attitudes in fuzzy environment. Information Sciences, 2018, 462, 278-289.	6.9	30
62	Hierarchical Supplier Selection Optimization with Multiple Items in Large-Scale Construction Projects. Journal of Infrastructure Systems, 2017, 23, .	1.8	10
63	Bi-level plant selection and production allocation model under type-2 fuzzy demand. Expert Systems With Applications, 2017, 86, 87-98.	7.6	6
64	Optimal decision-making via binary decision diagrams for investments under a risky environment. International Journal of Production Research, 2017, 55, 5271-5286.	7.5	54
65	Bi-Level Water Allocation Model Based on Shortage Control. Advances in Intelligent Systems and Computing, 2017, , 647-657.	0.6	1
66	New Pipe Notch Detection and Location Method for Short Distances employing Ultrasonic Guided Waves. Acta Acustica United With Acustica, 2017, 103, 772-781.	0.8	45
67	Asymmetric Information Effect on Transshipment Reporting Strategy. Advances in Intelligent Systems and Computing, 2017, , 445-454.	0.6	1
68	Bilevel Fuzzy Chance Constrained Hospital Outpatient Appointment Scheduling Model. Scientific Programming, 2016, 2016, 1-14.	0.7	2
69	Low-Carbon Based Multi-Objective Bi-Level Power Dispatching under Uncertainty. Sustainability, 2016, 8, 533.	3.2	11
70	Supply Chain Coordination with Group Buying Through Buyback Contract. Advances in Intelligent Systems and Computing, 2015, , 223-233.	0.6	1
71	A class of decentralized bi-level programming with multi-objectives in the upper level. , 2015, , .		0
72	Administrative and market-based allocation mechanism for regional water resources planning. Resources, Conservation and Recycling, 2015, 95, 156-173.	10.8	55

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73	Contemporary research in Operations Management. International Journal of Management Science and Engineering Management, 2015, 10, 1-2.	3.1	6
74	Automation of strategy using IDEF0 " A proof of concept. Operations Research Perspectives, 2015, 2, 106-113.	2.1	35
75	Bilevel and multi-objective dynamic construction site layout and security planning. Automation in Construction, 2015, 57, 1-16.	9.8	35
76	Multi-criteria group individual research output evaluation based on context-free grammar judgments with assessing attitude. Omega, 2015, 57, 282-293.	5.9	27
77	A multi-objective bi-level location planning problem for stone industrial parks. Computers and Operations Research, 2015, 56, 8-21.	4.0	45
78	Production and work force assignment problem: A bi-level programming approach. International Journal of Management Science and Engineering Management, 2015, 10, 50-61.	3.1	2
79	Bilevel multi-objective construction site security planning with twofold random phenomenon. Journal of Industrial and Management Optimization, 2015, 11, 595-617.	1.3	5
80	On approximation of the fixed charge transportation problem. Omega, 2014, 43, 64-70.	5.9	20
81	A fuzzy multi-criteria group decision making method for individual research output evaluation with maximum consensus. Knowledge-Based Systems, 2014, 56, 253-263.	7.1	17
82	Decentralized Bilevel Optimization for Supplier Selection Problem with Multiple Items under Fuzzy Random Environment. , 2014, , .		0
83	A fast and simple branching algorithm for solving small scale fixed-charge transportation problem. Operations Research Perspectives, 2014, 1, 1-5.	2.1	20
84	Exploring Determinants of Knowledge Sharing in a Social Network of Practice. Lecture Notes in Electrical Engineering, 2014, , 39-51.	0.4	1
85	Multi-attribute comprehensive evaluation of individual research output based on published research papers. Knowledge-Based Systems, 2013, 43, 135-142.	7.1	14
86	Economic Order Quantity Model Extensions. , 2013, , 464-466.		0
87	Modeling fixed-charge problems with polynomials. Omega, 2011, 39, 725-728.	5.9	5
88	Editorial: My Experience as a Book Review Editor. Interfaces, 2010, 40, 477-479.	1.5	0
89	A branching method for the fixed charge transportation problem. Omega, 2010, 38, 393-397.	5.9	38
90	A simplified algebraic method for system of linear inequalities with LP applications. Omega, 2009, 37, 876-882.	5.9	9

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91	Duality of the improved algebraic method (DIAM). Omega, 2009, 37, 1027-1035.	5.9	3
92	On step fixed-charge transportation problem. Omega, 2008, 36, 913-917.	5.9	38
93	New approach to fixed charges problems (FCP). International Journal of Management Science and Engineering Management, 2007, 2, 75-80.	3.1	6
94	More-for-less algorithm for fixed-charge transportation problems. Omega, 2007, 35, 116-127.	5.9	46
95	Solving transportation problems with mixed constraints. International Journal of Management Science and Engineering Management, 2006, 1, 47-52.	3.1	20
96	Simulation in dynamic environments: optimization of transportation inside a coal mine. IIE Transactions, 2004, 36, 547-555.	2.1	2
97	Inventory Models with Cost Changes. Operations Research, 1990, 38, 53-63.	1.9	99
98	Simulation of a Regional Scheduling Problem. Interfaces, 1988, 18, 28-37.	1.5	0
99	Optimal ordering policies when anticipating parameter changes in EOQ systems. Naval Research Logistics Quarterly, 1981, 28, 267-279.	0.4	40
100	Management Science Processâ€™Requiem for an Operations Research Project. Interfaces, 1980, 10, 39-41.	1.5	5
101	The role of internal storage capacity in fixed cycle production systems. Naval Research Logistics Quarterly, 1980, 27, 477-487.	0.4	13
102	Comment on an Improved Procedure for the Finite Horizon and Price Changes Inventory Model. Journal of the Operational Research Society, 1979, 30, 840-842.	3.4	7
103	Comment on an Improved Procedure for the Finite Horizon and Price Changes Inventory Model. Journal of the Operational Research Society, 1979, 30, 840.	3.4	0
104	An Inventory Model with Finite Horizon and Price Changes. Journal of the Operational Research Society, 1979, 30, 43-53.	3.4	56
105	Zero-one programming with many variables and few constraints. European Journal of Operational Research, 1978, 2, 195-201.	5.7	56
106	An approach to linear modeling with dispersion surrogates. Omega, 1978, 6, 282-283.	5.9	0
107	Noteâ€™An Interpretation of Fractional Objectives in Goal Programming as Related to Papers by Awerbuch, et al., and Hannan. Management Science, 1978, 24, 1546-1549.	4.1	14
108	Integer Programming with Bounded Variables via Canonical Separation. Journal of the Operational Research Society, 1978, 29, 477-488.	3.4	4

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109	Conservative linear programming with mixed multiple objectives. Omega, 1977, 5, 193-205.	5.9	18
110	Application of vanishing variable methods to special structured transportation problems. Computers and Operations Research, 1977, 4, 21-26.	4.0	5
111	Patient flow analysis and the delivery of radiology service. Socio-Economic Planning Sciences, 1976, 10, 159-166.	5.0	7
112	Methods for identification of vanishing variables in transportation problems and its possible applications. Computers and Operations Research, 1976, 3, 295-304.	4.0	8
113	Evaluation of various scheduling disciplines by computer systems. , 1974, , .		3
114	A Noniterative Algorithm for Tridiagonal Transportation Problems and Its Generalization. Operations Research, 1972, 20, 109-125.	1.9	10
115	On the Loading Problem. A Comment. Management Science, 1972, 18, 428-431.	4.1	2
116	Patient Flow and Utilization of Resources in a Diagnostic Radiology Department. Investigative Radiology, 1972, 7, 517-525.	6.2	6
117	Sustainable portfolio re-equilibrium on wind-solar-hydro system: An integrated optimization with combined meta-heuristic. Energy and Environment, 0, , 0958305X2210832.	4.6	0